Extraflame®

Riscaldamento a Pellet

STOVE AND PELLET INSERTS USER MANUAL

VIVIANA - VIVIANA PLUS - DORINA

ENGLISH/INGLESE

We thank you for having chosen our company; our product is a great heating solution developed from the most advanced technology with top quality machining and modern design, aimed at making you enjoy the fantastic sensation that the heat of a flame gives, in complete safety.

Extraflame S. p. A.

ENGLISH 4

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WARNINGS

The instruction manual is an integral part of the product: make sure that it always accompanies the appliance, even if transferred to other owners or user or is transferred to another place. If it is damaged or lost,request another copy from the area technician. This product must be destined for the use for which it has been expressly realised. The manufacturer is exempt from any liability, contractual and extracontractual, for injury/damage caused to persons/animals and objects, due to installation, adjustment and maintenance errors and improper use. **Installation must be performed by qualified staff, which assumes complete responsibility for the definitive installation and consequent good functioning of the product installed. It is necessary to bear in mind all laws and national, regional, provincial and town council Standards present in the country the appliance has been installed.**
Extraflame S.p.A. cannot be held responsible for the failure to comply with such precautions.

After removing the packaging, ensure that the content is intact and complete. If not so, contact the dealer where the appliance was purchased.
All electric components that make up the product must be replaced with original spare parts exclusively by an authorised after-sales centre, thus guaranteeing correct functioning.

SAFETY

- The stove must not be used by persons (including children) with reduced physical, sensorial and mental capacities or who are unskilled persons, unless they are supervised and trained regarding use of the appliance by a person responsible for their safety.
- Children must be controlled to ensure that they do not play with the appliance.
- Do not touch the stove when you are barefoot or when parts of the body are wet or humid.
- The safety and adjustment devices must not be modified without the authorisation or indications of the manufacturer.
- Do not pull, disconnect, twist electric cables leaving the stove, even if disconnected from the electric power supply mains.
- It is advised to position the power supply cable in a way that it does not come into contact with hot parts of the appliance.
- The power supply plug must be accessible after installation.
- Do not close or reduce the dimensions of the airing vents in the place of installation. The airing vents are indispensable for correct combustion.
- Do not leave the packaging elements within reach of children or unassisted disabled persons.
- The hearth door must always be closed during normal functioning of the product.
- When the appliance is functioning and hot to the touch, especially all external surfaces, attention must be paid
- Check for the presence of any obstructions before switching the appliance on following a prolonged standstill period.
- The stove has been designed to function in any climatic condition (also critical). In particularly adverse conditions (strong wind, freezing) safety systems may intervene that switch the stove off. If this occurs, contact the technical after-sales service and always disable the safety system.
- If the flue should catch fire, be equipped with suitable systems for suffocating the flames or request help from the fire service.
- This appliance must not be used to burn waste
- Do not use any inflammable liquids for ignition
- During the filling phase do not allow the bag of pellets to come into contact with the product
- The majolicas are top quality artisan products and as such can have micro-dots, crackles and chromatic imperfections. These features highlight their valuable nature. Due to their different dilation coefficient, enamel and majolica produce crackling,. which demonstrate their effective authenticity. To clean the majolicas, it is recommended to use a soft, dry cloth. If a detergent or liquid is used, the latter could penetrate inside the crackles, highlighting the same.

ROUTINE MAINTENANCE

Based on the Decree 22 January 2008 n°37 art.2, routine maintenance means interventions aimed at reducing degradation from normal use, as well as dealing with accidental events entailing the need of first interventions, which however do not modify the structure of the system upon which one is intervening or its intended use according to the prescriptions foreseen by technical standards in force and by the manufacturer's use and maintenance booklet.

SAFETY DEVICES

SAFETY DEVICES KEY: * = PRESENT, - = NOT PRESENT	STOVES
Circuit board: intervenes directly by sending the product into alarm conditions until complete cooling, in the case of: breakage of flue gas motor, pellet feed motor breakage, black out (if more than 10 seconds), no ignition	*
Insert blocking micro switch: if the end run micro switch warns that the insert is not blocked, electric energy does not pass to power it	-
Electronic pressure switch: in the event of inadequate depression, it takes the machine to alarm conditions	*
F 2.5 A 250 V fuse (stoves): protects the machine from violent current drops	*
85°C calibrated mechanical bulb with manual rearm: intervenes by blocking fuel feed whenever the pellet tank t° reaches the limit of 85°C. **Rearm must be performed by qualified staff and/or the manufacturer's technical after-sales assistance.**	*
Pellet feed-box temperature control probe: if the tank over-heats, the machine automatically modulates to return to normal temperature values (* in the models envisioned)	*
Mechanical air pressure switch: blocks the pellet in the event of insufficient depression (in the models envisioned)	*

INSTALLATION

The installation must be in compliance with:
UNI 10683 (2005) heat generators fed with wood and other solid fuels: installation.
The chimneys must be in compliance with:
UNI 9731 (1990) chimneys: classification based on thermal resistance.
EN 13384-1 (2006) Thermal and fluid dynamic calculation methods.
UNI 7129 point 4.3.3 Fire Department dispositions, local rules and prescriptions.
UNI 1443 (2005) chimneys: general requisites.
UNI 1457 (2004) chimneys: clay/ceramic flue liners.

NATIONAL, REGIONAL, PROVINCIAL AND TOWN COUNCIL REGULATIONS
It is necessary to bear in mind all laws and national, regional, provincial and town council Standards present in the country the appliance has been installed.

GLOSSARY

CLOSED HEARTH APPLIANCE
Heat generator which opening is only allowed through the loading of the fuel during use.

BIOMASS
Biological material, excluding the material incorporated in geological formations and transformed into fossils.

BIOFUEL
Fuel produced directly or indirectly by biomass.

CHIMNEY
Vertical pipe with the aim of collecting and expelling the fuel products coming from only one appliance, at a convenient height from the ground.

SMOKE CHANNEL OR FITTING
Pipe or connecting element between heat generator appliance and chimney to evacuate combustion products.

INSULATION
Group of set-ups and materials used to prevent the transmission of heat through a wall that separates rooms with different temperatures.

CHIMNEY CAP
Device positioned at chimney peak to ease the dispersion of combustion products into the atmosphere.

CONDENSATE
Liquid products that form when the combustion gas temperature is lower or equal to the water dew point.

HEAT GENERATORS
Appliance which allows to produce thermal energy (heat) through the rapid transformation, via combustion, of the chemical energy of the same fuel.

GATE VALVE
Mechanism for modifying the combustion gas dynamic resistance.

COMBUSTION PRODUCT EVACUATION SYSTEMS
Flue gas exhaust system independent from the appliance constituted by a fitting or smoke channel, chimney or individual flue and chimney cap.

FORCED DRAUGHT
Air circulation by means of the fan activated by electric motor.

NATURAL DRAUGHT
Draught which is determined in a chimney/flue for effect of the volume mass difference existing between smoke (hot) and surrounding atmosphere air, without any mechanical intake aid installed inside it or at its peak.

RADIATION AREA
Area immediately near the hearth in which the heat caused by combustion is diffused, where no combustion materials must be present.

REFLUX AREA
Area where leaking of the combustion products is verified, from the appliance towards the installation room.

The installation must be preceded by checking the chimneys, flues or unload terminals positioning of appliances similarly to:

- Installation prohibitions
- Legal distances
- Limitations disposed by local administrative regulations or particular authority prescriptions.
- Conventional limitations deriving from condominium regulations, constraints or contracts.

INSTALLATIONS ALLOWED
Only appliances working in a sealed manner respect to the room or which do not place the room in depression respect to the external environment, can exist or be installed in the room where the heat generator will be installed.
Appliances for cooking food and relative hoods without extractor are only allowed in kitchens.

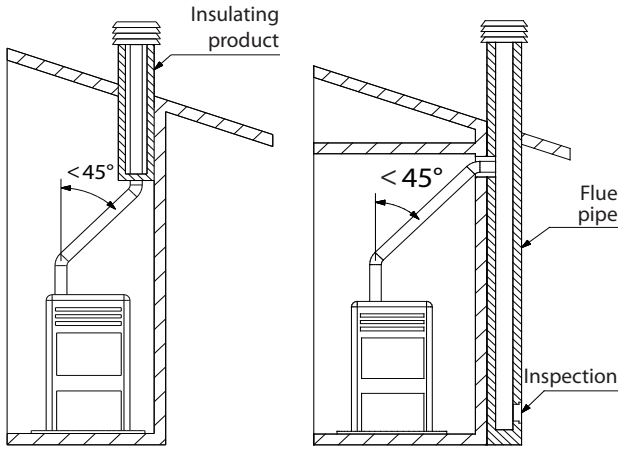
INSTALLATIONS NOT ALLOWED
In the room where the heat generator will be installed the following must not pre-exist or be installed:

- hoods with extractor.
- collective type ventilation pipes.

Should these appliances be in rooms adjacent, communicating with the installation room, the simultaneous use of the heat generator is forbidden, where a risk exists of one of the two rooms being placed in depression respect to the other.

CONNECTION TO THE SMOKE EVACUATION SYSTEM
UNI 10683 (2005) Standard

SMOKE CHANNEL OR FITTINGS
To mount the smoke channels, non-flammable elements will have to be used, ideal for resisting combustion products and their eventual condensing.
The use of flexible metal and asbestos cement pipes to connect the appliances to the flue is forbidden, even for pre-existing smoke channels.
There must be continuity between the smoke channel and the flue so that the flue does not lean on the generator. The smoke channels must not cross rooms where the installation of the combustion appliances is not allowed.
The mounting of the smoke channels must be carried out in order to guarantee smoke seal for the appliance functioning conditions, limit the forming of condensate and avoid it being transported towards the appliance.
The mounting of horizontal routes must be avoided.
For appliances where ceiling or wall non-coaxial discharges with respect to the appliance combustion product outlet have to be reached, the direction changes will have to be realised using open bends not greater than 45° (see figures below).
For the heat generator appliances equipped with electric fan for expelling combustion products, the instructions below must be followed:



- The horizontal routes will have to have a minimum upward slope of 3%
- The length of the horizontal route must be minimal and, however, not longer than 3 metres
- The number of direction changes including the one for effect of using the "T" element must not be more than 4.

In any case, the smoke channels must seal the combustion and condensate products and be insulated if they pass outside the installation room.
The use of counterslope elements is forbidden.
The smoke channel must allow the recovery of soot or be brushable.
The smoke channel must have constant section. Any section changes are only allowed at the flue coupling.
It is forbidden to have other air supply channels and pipes for plant engineering, especially if over-sized, transit inside the smoke channels. The mounting of manual draught adjustment devices on forced draught appliances is forbidden.

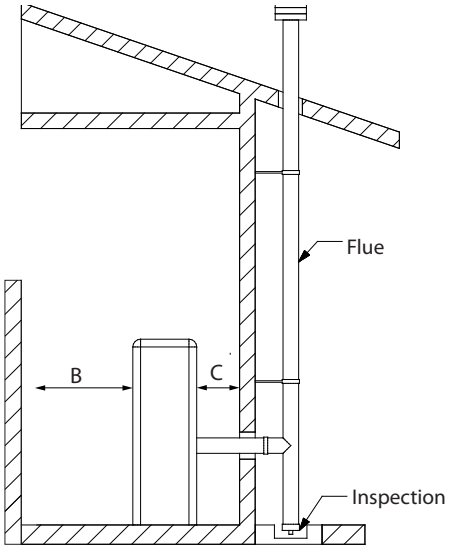
CHIMNEY OR INDIVIDUAL FLUE

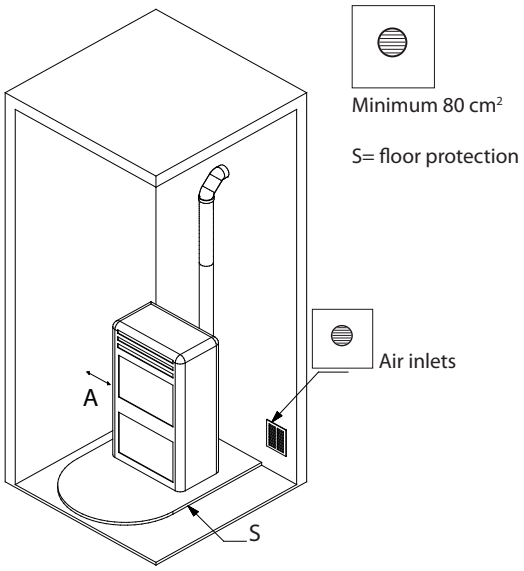
The chimney or individual flue must respond to the following requisites:

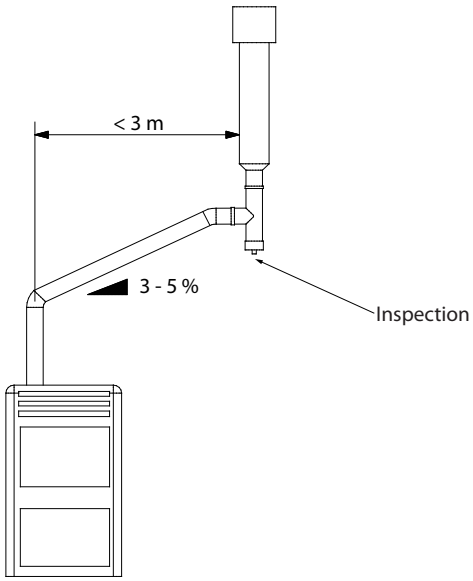
- seal the combustion products, be waterproof and adequately insulated in line with the use conditions;
- be realised with materials which resist the normal mechanical stress, heat, action of the combustion products and any condensate;
- have mainly vertical progress with deviations from the axis not higher than 45°;
- be adequately distanced from fuel or flammable materials through air space or opportune insulation;
- have preferably circular internal section: the square or rectangular sections must have round corners with a radius not lower than 20 mm;
- have constant internal section, free and independent;
- have rectangular section with max. ratio between the sides of 1.5.

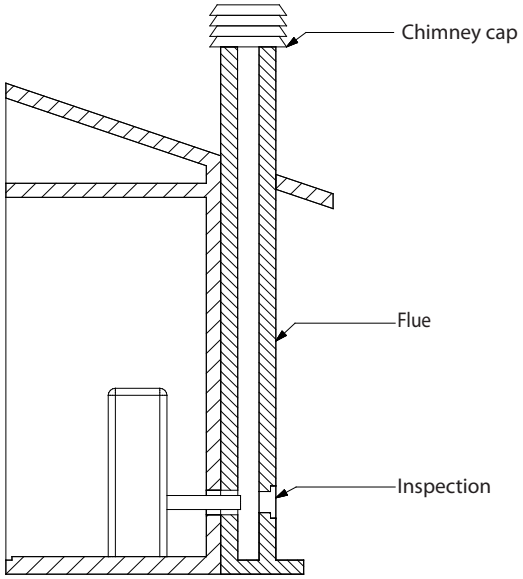
It is recommended that the smoke pipe be equipped with a collection chamber for solid materials and any condensate situated under the smoke channel inlet, so that it can be easily opened and inspected from airtight door.

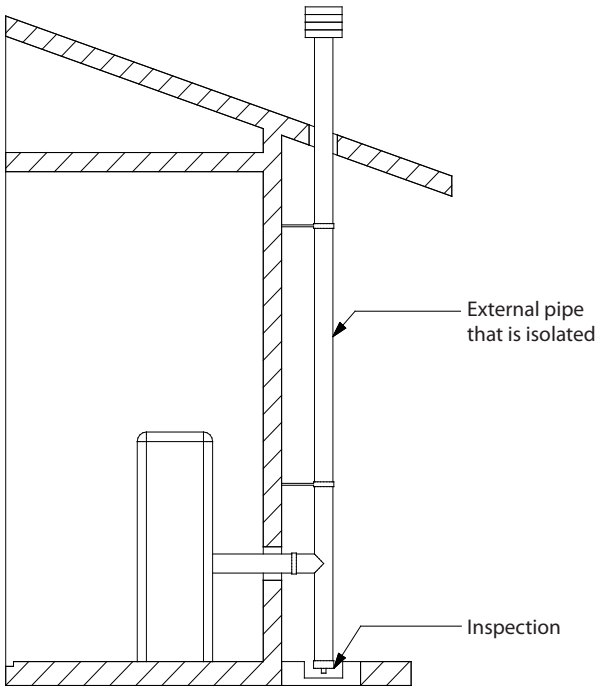
REFERENCES	INFLAMMABLE OBJECTS	NON-INFLAMMABLE OBJECTS
A	200 mm	100 mm
B	1,500 mm	750 mm
C	200 mm	100 mm

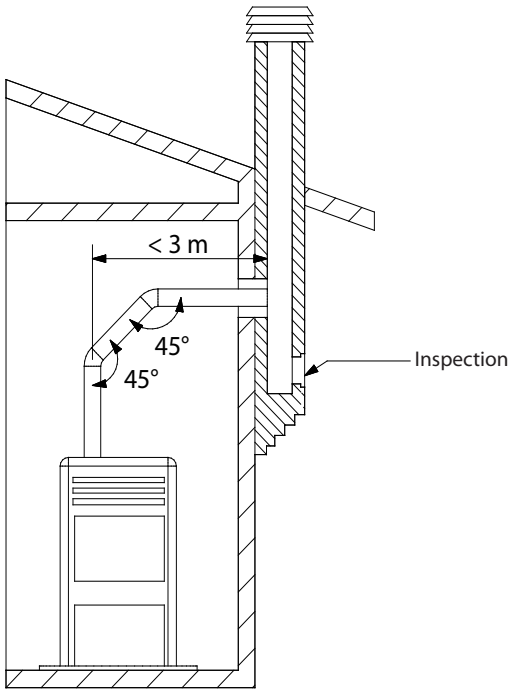












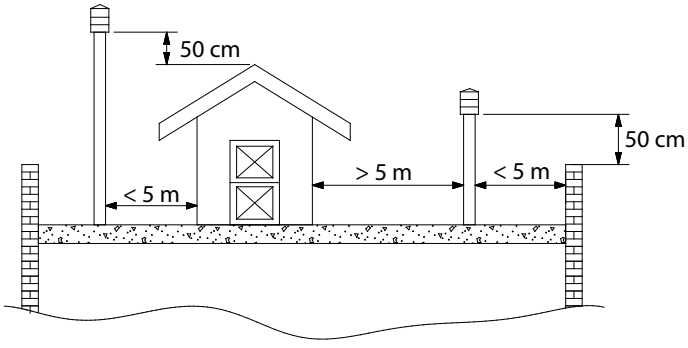
Appliance connection to the flue and combustion products evacuation
The flue must receive the discharge from only one heat generator.
Direct discharge towards closed spaces is forbidden, even with clear sky.
The direct discharge of the combustion products must be at roof and the smoke pipe must have the features provided in the "Chimney or individual flue" section.

CHIMNEY CAP

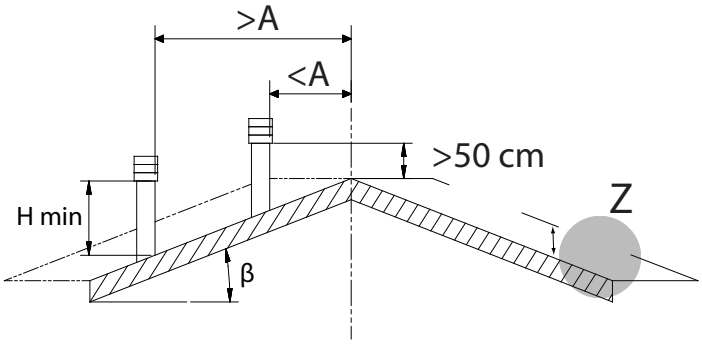
The chimney cap must comply with the following requisites:

- have an internal section equivalent to that of the chimney;
- have useful outlet section not lower than double the chimney internal section;
- be built in order to avoid rain, snow, foreign bodies penetrating the chimney and so that, in the event of winds in any direction and inclination, the discharge of the combustion products is assured.
- be positioned in a way to guarantee an adequate dispersion and dilution of the combustion products and, however, outside the reflux area in which the formation of counterpressures occurs. Such area has different dimensions and configuration depending on the covering inclination angle. It is therefore necessary to adopt the minimum heights indicated in the figure layouts below.
- The chimney cap must not have mechanical intake means.

FLAT ROOF



SLOPING ROOF



Z=REFLUX AREA

CONNECTION TO EXTERNAL AIR INLETS

The appliance must be able to use the necessary air to guarantee regular functioning through external air inlet. The air inlets must comply with the following requisites:

- have a total free section of at least 80 cm^2.
- must be protected by grates, metal net or suitable protections as long as they do not reduce the minimum section stated in the previous point and positioned in order to avoid them being obstructed.

If the combustion agent air is withdrawn directly from outside through a pipe, a downward bend must be mounted outside or a protection against the wind and no grates or similar must be positioned, (it is recommended that the air vent always communicates directly with the installation room even if the air is withdrawn from outside through a pipe). The air flow can also be obtained from an adjacent room, as long as the flow takes place freely through permanent openings communicating with the outside.
The adjacent room, with respect to the installation room, must not be put in depression with respect to the external environment by means of reverse draught caused by the presence of another used appliance or intake device in such room. The permanent openings in the adjacent room must comply with the above-described requisites. The adjacent room cannot be set up as garage, storage for combustion material or activity with danger of fire.

INSULATION, FINISHINGS, COVERING AND SAFETY RECOMMENDATIONS

The coverings, independently from the materials from which they are made, must constitute a self-supporting construction with respect to the heating block and not be in contact with it.
The cross members and finishings in wood or combustion materials must be positioned outside the hearth radiation area or adequately insulated.
If coverings in combustion material or sensitive to heat exist in the space above the generator, an insulating and non combustible protection diaphragm must be inserted.
Elements in combustible or inflammable material like wooden furniture, curtains, etc. directly exposed to the hearth radiation, must be positioned at a safe distance. The appliance installation must guarantee easy access for cleaning the appliance itself, discharge gas pipe and flue.

CHIMNEY CAPS, DISTANCES AND POSITIONING		
Roof inclination	**Distance between the ridge and the chimney**	**Minimum chimney height (measured from outlet)**
β	**A (m)**	**H (m)**
15°	< 1,85	0.50 m over the ridge
	> 1,85	1,00 m from roof
30°	< 1,50	0.50 m over the ridge
	> 1,50	1,30 m from roof
45°	< 1,30	0.50 m over the ridge
	> 1,30	2,00 m from roof
60°	< 1,20	0.50 m over the ridge
	> 1,20	2.60 m from roof

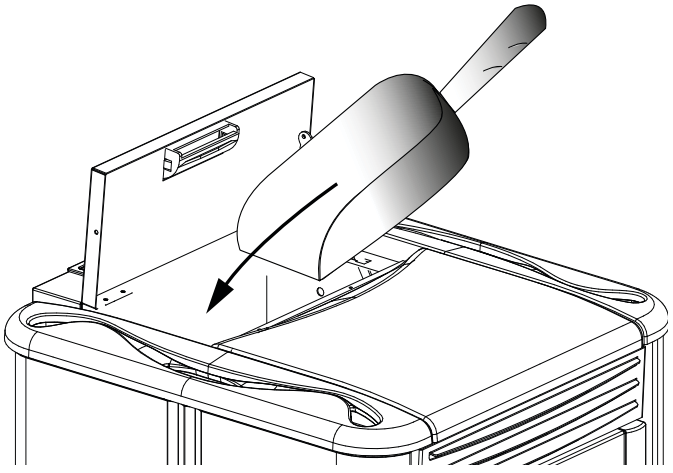
PELLETS AND FEEDING

The pellets used must comply with the features described by the Standard:

- Ö-norm M 7135
- DIN plus 51731
- UNI CEN/TS 14961

Extraflame recommends the use of pellets with a 6 mm diameter for its products.

Open the tank lid and load the pellets using a scoop.

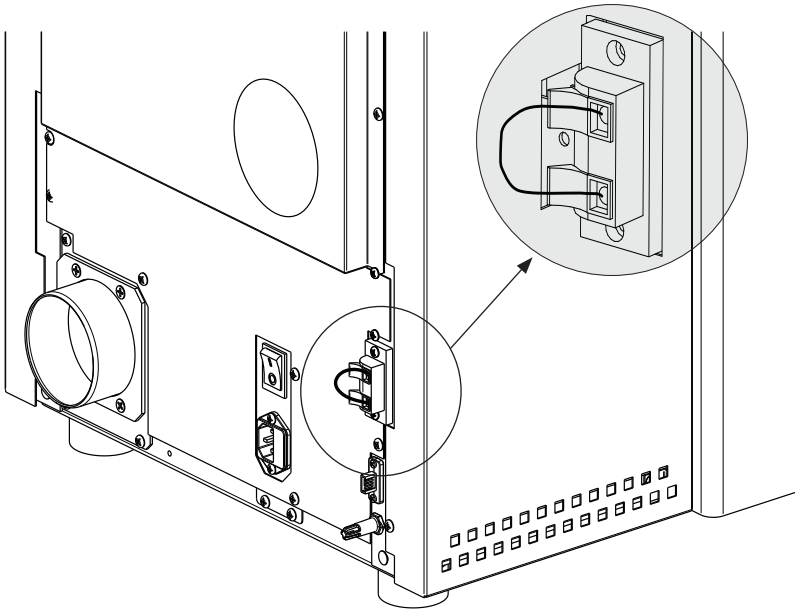


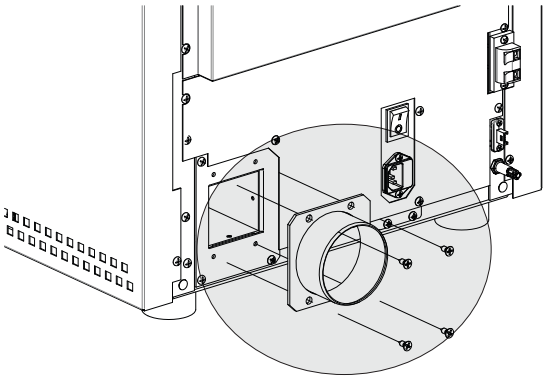
THE USE OF EXPIRED PELLETS OR ANY OTHER MATERIAL DAMAGES THE FUNCTIONS OF YOUR STOVE AND CAN DETERMINE THE INVALIDITY OF THE WARRANTY AND THE ANNEXED RESPONSIBILITY OF THE MANUFACTURER.

HOT AIR DUCTING

- The pipe destined for ducting the hot air must have an internal diameter of 80 mm, be insulated and protected from heat loss.
- The length must not exceed 6 metres.
- **Installation of the pipes used for ducting the hot air must be performed by qualified staff and/or the manufacturer's technical after-sales assistance.**

VIVIANA PLUS





The ducting extension is found in the accessory pack inside the stove.
It is mounted by means of the 4 supplied screws.

**FOR THIS PRODUCT IT IS MANDATORY TO DUCT THE HOT AIR.
IT IS NOT POSSIBLE TO DEACTIVATE THE DUCTING MOTOR.
DO NOT COVER OR CLOSE DUCTING!**

DUCTING OF THE VIVIANA PLUS MODEL CANNOT BE ADJUSTED. BY DEFAULT ITS FUNCTIONING IS PARALLEL TO FRONT VENTILATION. SEE THE FOLLOWING CHAPTER FOR ITS MANAGEMENT.

ADDITIONAL THERMOSTAT FUNCTIONING FOR DUCTING MOTOR CONTROL

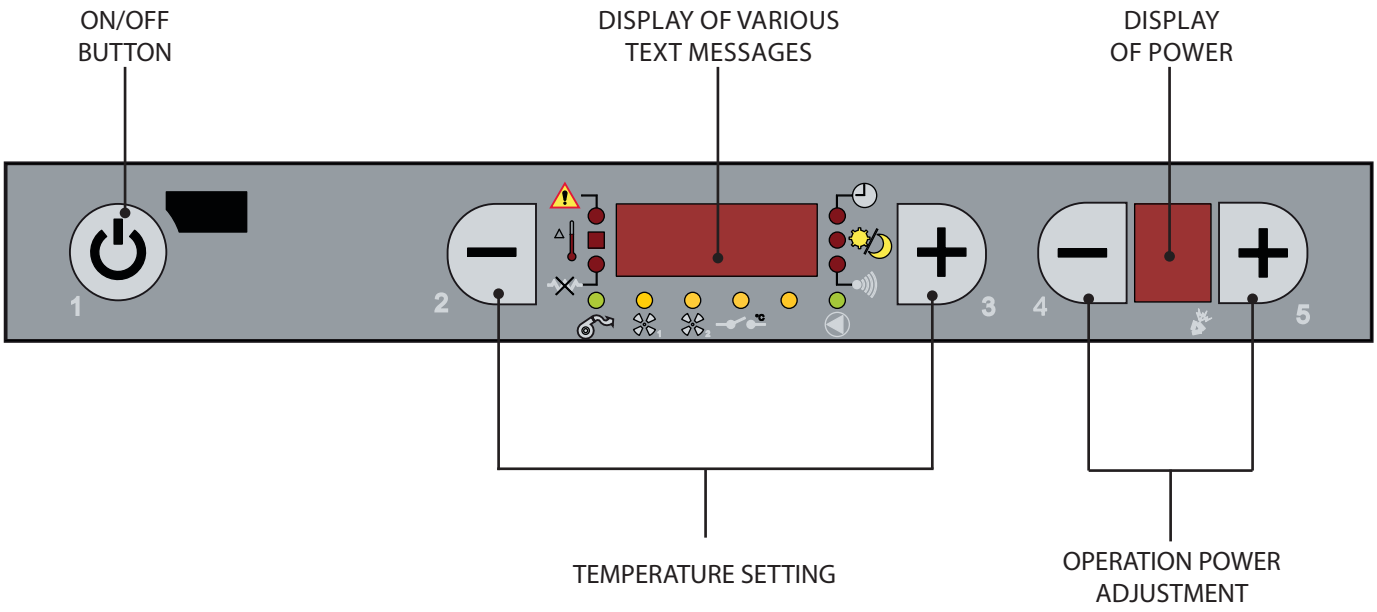
For models with ducting motor there is also the possibility of thermostatting the motor itself. The connection of an external thermostat will allow to control the ducting motor independently from stove functioning.
At this point just set the desired temperature on the thermostat. The thermostat will control the functioning of the second motor:

- with temperature to be reached (closed contact) the second motor will follow the trend of the stove.

- when the temperature has been reached (open contact), it takes the ducting motor to 1st speed and will be displayed by the flashing LED relative to the ducting motor.

The ducting thermostat clamp is fitted with jumper as per standard.
See example drawing above.

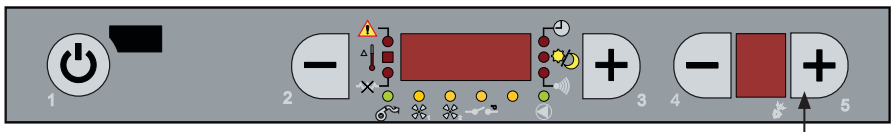
THE DISPLAY DESCRIPTION OF CONTROLS AND SYMBOLS



DISPLAY ICONS KEY

	Indicates the presence of an alarm. On: indicates the presence of an alarm Off: indicates the absence of alarms Flashing: indicates the deactivation of the depression sensor.		It indicates weekly programming functioning Indicator on = Weekly programming active Indicator off = Weekly programming not active
	Indicates the environment temperature status Off = the T° read by the probe is over the set temperature set On = the T° read by the probe is below the set temperature set		Indicates the stby function Off = Stby deactivated On = Stby activated
	Ign-plug Off = ign-plug active On = ign-plug deactivated Flashing = Ignition phase		Additional external thermostat input status Off = open contact On = closed contact
	It indicates functioning of the fumes motor. Off = fumes motor not working On = fumes motor working Flashing = breakdown		It indicates the communication between remote control and stove. Every time a key is pressed on the remote control the indicator must switch on. If the indicator is always on it indicates that the communication between remote control and stove is blocked.*
	It indicates functioning of the tangential fan Off = not working On = working		Not used
	Not used		Additional ducted thermostat input status: On: closed contact (to be reached) Flashing: the motor is running at minimum, in modulation mode (input=open)
			It indicates functioning of the pellet feed motor. Off = pellet feed motor deactivated On = pellet feed motor active.

MENU STRUCTURE

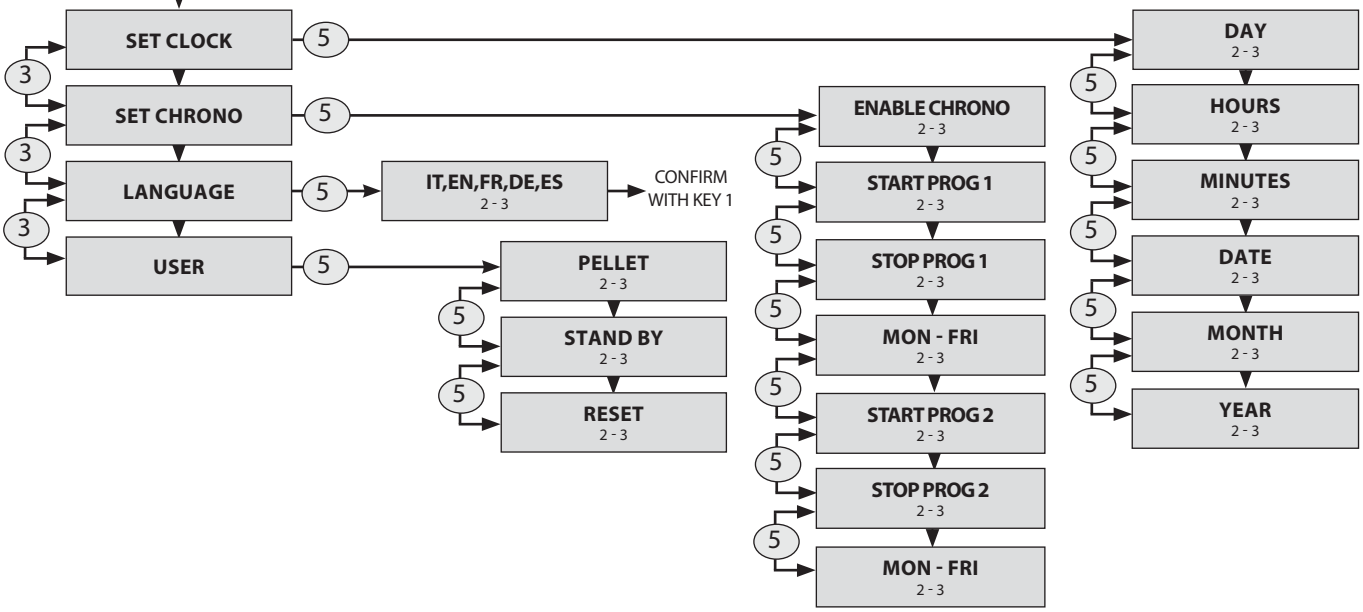


Key 1 to confirm parameter/ programming and exit.

Keys 2 and 3 to set data/parameters.

Keys 4 and 5 to go forward or backward in the menu.

To access the menu, keep key 5 pressed for a few seconds.



BASIC INSTRUCTIONS

The following recommendations must be followed the first times the stove is ignited:

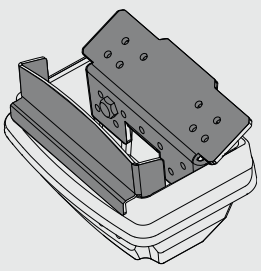
- It is possible that slight odours are produced due to the drying of the paints and silicones used. Do not remain in the environment for long periods.
- Do not touch the surfaces as they could still be unstable.
- Air the room well several times.
- The hardening of the surfaces is terminated after several heating processes.
- This appliance must not be used to burn waste.

Before igniting the stove, the following points must be verified:

- the feed-box must be full of pellets.
- the combustion chamber must be clean.
- The burn pot must be completely free and clean.
- check the hermetic closure of the fire door and the ash drawer.
- make sure the power supply cable is connected correctly.
- the bipolar switch in the rear right part must be positioned on 1.

DO NOT USE ANY INFLAMMABLE LIQUIDS FOR IGNITION!
DO NOT ALLOW THE BAG OF PELLETS TO COME INTO CONTACT WITH THE BOILING HOT STOVE DURING THE FILLING PHASE!
IN THE EVENT OF CONTINUOUS NO IGNITION, CONTACT AN AUTHORISED TECHNICIAN.

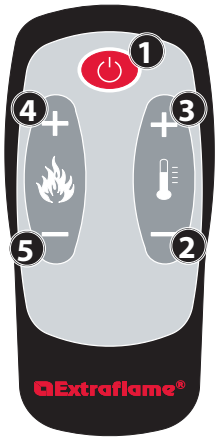
IT IS FORBIDDEN TO USE THE APPLIANCE WITHOUT THE DIVIDER AND/ OR GLASS PROTECTION (SEE FIGURE AT THE SITE) JEOPARDISES THE SAFETY OF THE PRODUCT AND LEADS TO THE IMMEDIATE VOIDING OF THE WARRANTY PERIOD. IN THE CASE OF WEAR OR DETERIORATION REQUEST AFTER-SALES ASSISTANCE FOR REPLACEMENT OF THE PART (REPLACEMENT THAT IS NOT UNDER GUARANTEE AS THE COMPONENT IS SUBJECT TO WEAR).



REMOTE CONTROL (OPTIONAL)

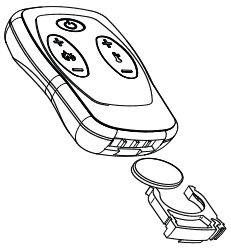
The heating power, the desired room temperature (only with the room probe option connected) and the appliance ignition/switch off, can be adjusted using the remote control.

To ignite the stove, press key 1 for a few seconds; the appliance will automatically enter the ignition phase. It is possible to adjust power by using keys 4 and 5, whereas the wanted temperature can be adjusted using keys 2 and 3. To switch the stove off, keep key 1 pressed for a few seconds.



TYPE AND REPLACEMENT OF BATTERIES

The batteries are housed in the lower part of the remote control. To replace them, remove the battery holder (as indicated in the figure at the back of the remote control), remove or insert the battery according to the symbol on the remote control and on the battery itself.



For operation, 1 CR2025, 3V lithium buffer battery is required.

If the remote control is off because it has no batteries, stove can be controlled from the control panel on top of it.
While replacing the battery, pay attention to the polarity by observing the symbol on the inside compartment of the remote control.

The batteries used contain metals harmful for the environment. They must therefore be disposed of separately in appropriate containers.

COMMISSIONING SETTINGS

Once the power cable at the back of the stove has been connected, move the switch, also located on the back, to (I). The switch at the back of the stove powers the stove board. The stove remains off and a first screen appears on the panel reading OFF.

ADJUSTING TIME, DAY, MONTH AND YEAR

CONTROLS PROCEDURE

- Press key 5 for a few seconds, until the text SET CLOCK appears.
- Confirm using key 5.
- Use key 3 to assign the day.
- Press key 5.
- Use the same procedure (5 to move forward 3 to set) to adjust the hours, minutes, day, month and year.
- Press key 1 several times to confirm and exit the Menu.

SET CLOCK	
DAY	MON, TUE, WED, ...SUN
HOURS	0...23
MINUTES	00...59
DATE	1...31
MONTH	1...12
YEAR	00...99

ADJUSTING LANGUAGE

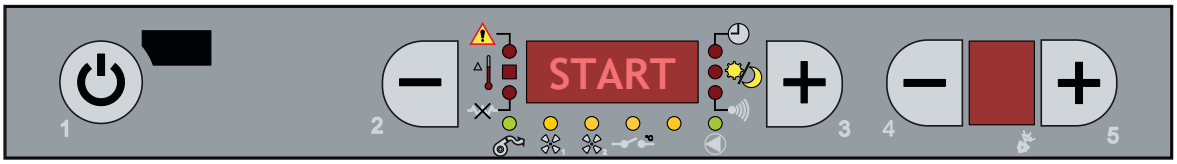
CONTROLS PROCEDURE

- Press key 5 for a few seconds, until the text SET CLOCK appears.
- Press key 3 twice until set Language.
- Confirm using key 5.
- Select the language using key 3.
- Press key 1 several times to confirm and exit the Menu.

LANGUAGE	ITALIAN
	ENGLISH
	GERMAN
	FRENCH
	SPANISH

FUNCTIONING AND LOGIC

IGNITION



Once the points listed previously have been checked, press key 1 for three seconds to ignite the stove.
15 minutes are available for the ignition phase. After ignition and having reached the control temperature, the stove interrupts the ignition phase and passes to STARTING.

STARTING
During the starting phase, the stove stabilises combustion, increasing it progressively, to then start ventilation and pass on to WORK.

WORK
During the work phase, the stove reaches the set power; see following item.

ADJUSTING POWER SETTING
Set the functioning power from 1 to 5 (settable using keys 4 - 5).
Power 1 = minimum level - Power 5 = maximum level.
Proportionally, the tangential fan will work at the same power as the pellet feed.
(5 power = 5 tangential fan speed)

ROOM TEMPERATURE
The appliance can check the room temperature by means of the room probe (as per standard).
The wanted room temperature can be set from 07° to 40°C using keys 2 and 3.
Having reached the set temperature, it will automatically go to the minimum or switch off activating the **STAND BY** function,(see chapter on following page), reducing pellet consumption to a minimum.

BURN POT CLEANING
While working, the stove has an internal counter which cleans the burn pot after a set amount of time.
This phase will be shown on the display, it will bring the stove to a lower power level and will increase the flue gas motor for a programmed amount of time.
When the cleaning phase is finished, the stove will continue work going back to the selected power level.

SWITCH-OFF
Press key 1 for three seconds.
When the operation has been performed, the appliance automatically enters the switch- off phase, blocking the supply of pellets.
The flue exhaust motor and the hot air ventilation motor will remain on until the temperature of the stove has dropped below the factory parameters.

RE-IGNITION
The stove can only be re-ignited if the flue gas temperature has lowered and the preset timer has been reset to zero.

FUNCTIONING CYCLE

OFF → START → IGNITION → STARTING → WORK → BURN POT CLEANING → FINAL CLEANING →

USER MENU

PELLET FEED ADJUSTMENT

The following menu allows the adjustment of pellet feed as a percentage.
If the stove has functioning problems owing to the quantity of pellets, adjust pellet feeding directly from the control board.
The problems correlated to the amount of fuel can be divided into 2 categories:

NO FUEL:

- the stove can never develop a suitable flame, tending to remain very low even at high powers.
- at minimum power the stove tends to almost switch-off taking the stove into "NO PELLETS" alarm condition.
- when the stove displays the "NO PELLETS" alarm, there may be non-burned pellets inside the burn pot.

EXCESS FUEL:

- the stove develops a very high flame even at low power.
- the panoramic glass is very dirty, obscuring it almost totally.
- the burn pot tends to become encrusted, blocking the holes for air intake due to the excessive pellet feed, as it is only burned partially.

The regulation to be performed is a percentage. Therefore a modification of this parameter will lead to a proportional variation of all stove feeding speeds. Feeding is from -30% to +20%.

Follow the procedure on the display to perform this adjustment:

CONTROLS PROCEDURE

- Press key 5 for a few seconds, until the text SET CLOCK appears.
- Press key 3 several times to reach SET USER.
- Confirm using key 5.
- Pellet is displayed.
- By means of the keys 2 and 3 the feeding can be increased (3) or decreased (2) during the WORK phase.
- Press key 1 several times to confirm and exit the Menu.

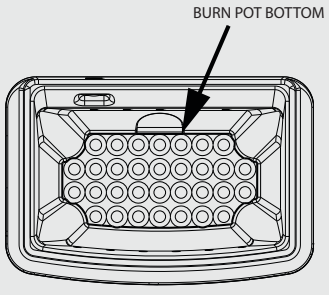
NO IGNITION ALARM

FIRST IGNITION COULD EVEN FAIL AS THE AUGER IS EMPTY AND IS NOT ALWAYS ABLE TO LOAD THE BURN POT WITH THE REQUIRED AMOUNT OF PELLETS ON TIME TO REGULARLY START THE FLAME.

IF THE PROBLEM OCCURS AFTER ONLY A FEW MONTHS WORKING, CHECK THAT ROUTINE CLEANING STATED IN THE STOVE BOOKLET, HAS BEEN CARRIED OUT CORRECTLY.

CLEAN CHECK UP

SHOULD THE ALARM "CLEAN CHECK UP" BE TRIGGERED, MAKE SURE THAT THE BOTTOM OF THE BURN POT IS FREE OF RESIDUES OR SCALES. THE HOLES AT THE BOTTOM MUST BE COMPLETELY FREE TO GUARANTEE CORRECT COMBUSTION.
THE ABOVE INDICATED "PELLET FEED REGULATION" FUNCTION CAN BE USED TO ADJUST COMBUSTION BASED ON THE DESCRIBED REQUIREMENTS.
IF THE ALARM PERSISTS AND THE ABOVE LISTED CONDITIONS HAVE BEEN CHECKED, CONTACT THE QUALIFIED AFTER-SALES ASSISTANCE CENTRE.



STAND - BY

The Stby function is used if immediate stove switch-off is required when temperature has been reached.
The STBY function can be set at ON or OFF using the procedure that will be described.
In the factory the STBY function is always set at OFF (indicator off)

STBY FUNCTION SET AT ON
If the Stby function is active (ON), when the stove reaches the room temperature set exceeding it by 2°C, it will switch off after a factory set delay time, displaying STAND - BY.
When the room temperature is 2°C lower than the setting, the stove will start to work again at the power set on the display, viewing WORK.

STBY FUNCTION SET AT OFF (FACTORY SETTING)
If the Stby function is not active (OFF), if the stove reaches the room temperature set, it will go to minimum, modulating and displaying MODULATE. When the room temperature is lower by 2°C than the setting, the stove will start to work again at the power set on the display, showing WORK.

CONTROLS PROCEDURE

- Press key 5 for a few seconds, until the text SET CLOCK appears.
- Press key 3 three times UNTIL USER.
- Press key 5 twice.
- Select "ON" with keys 2 or 3 to activate or "OFF" to deactivate.
- Press key 1 several times to confirm and exit the Menu.

RESET

Allows to reset all values modifiable by the user to the default values.
The modified data are:

- SET TEMPERATURE = 35°C
- SET POWER = 5
- ENABLE CHRONO = OFF
- START PRG1=OFF
- STOP PRG1 = OFF
- MONDAY PRG1 = OFF
- .....all chrono parameters OFF
- PELLET = 00%
- STAND BY = OFF

CHRONO

The chrono allows to program 2 time spans within a day to use every day of the week.
The switch-on and switch-off time can be set in every time span. along with the days of use of the programmed time span and the desired temperature.

RECOMMENDATIONS
The ignition and switch-off times must be within the arc of one day, from 0 to 24 and not over several days:
Before using the chrono function, set the current day and time. Therefore check that the points listed in the "*Set clock*" sub-chapter have been followed, so that the chrono function works. Aside from programming it, activate it as well.

Example:

Switch-on time 07:00 **CORRECT**
Switch-off time 18:00

Switch-on time 22:00 **INCORRECT**
Switch-off time 05:00

PROGRAMMING EXAMPLE

Let's suppose that the weekly programmer function is to be used and 2 time periods are to be used in the following way:
1st time period: from 08:00 to 12:00 every day of the week excluding Saturday and Sunday
2nd time period: from 15:00 to 22:00 only Saturday and Sunday.

CONTROLS PROCEDURE:
Press key 5 for a few seconds, until the text SET CLOCK appears.

SET CLOCK

Press key 3 once, the SET CHRONO text will appear.

SET CHRONO

ENABLE CHRONO
Press key 5, ENABLE CHRONO and OFF will appear.
Press key 3 to activate or deactivate the CHRONO function. Select ON.

ENABLE CHRONO

ON

Press key 5 to confirm and continue programming.
The scrolling text
START PRG1 OFF will appear.

START PRG1

OFF

1ST TIME PERIOD SWITCH-ON
Using keys 2 - 3, enter the time "08:00", which corresponds to the switch-on time of the 1st time span. The START PRG1 text will appear followed by the time set.
To confirm and continue programming, press button 5. Press button 4 to go back to the previous parameter.

START PRG1

08:00

1ST TIME PERIOD SWITCH-OFF
Using keys 2 - 3, enter the time "12:00", which corresponds to the switch-off time of the 1st time period. The STOP PRG1 text will appear followed by the time set.
To confirm and continue programming, press button 5. Press button 4 to go back to the previous parameter.

STOP PRG1

12:00

ENABLE 1ST TIME PERIOD DAYS
To do this, use keys 3 and 5 in the following way:
Key 5 - allows to scroll the various days, the text with the day of the week will appear, followed by OFF
Use key 3 to enable-disable (ON/OFF) all days.

MONDAY.. PRG1

ON-OFF

Press key 5 to confirm and continue programming.
The text START PRG2 OFF will appear.

START PRG2

ON-OFF

2ND TIME PERIOD SWITCH-ON
At this point, the second time period must be programmed.
The sequence to be followed is the same and is repeated as for the 1ST TIME PERIOD SWITCH-ON.

START PRG2

15:00

2ND TIME PERIOD SWITCH-ON
At this point, the second time period must be programmed.
The sequence to be followed is the same and is repeated as for the 1ST TIME PERIOD SWITCH-ON.
On this occasion it is only necessary to enter the time, for example start at 15:00 and Stop at 22:00 and to activate the days Saturday and Sunday by setting them at "ON".

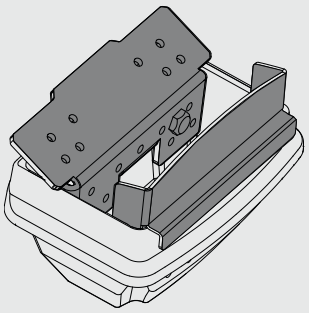
WHEN THE WEEKLY PROGRAMMER IS ACTIVE, A BOX OF THE RELATIVE ICON WILL APPEAR ON THE CONTROL BOARD.

CLEANING UNDER USER'S RESPONSIBILITY

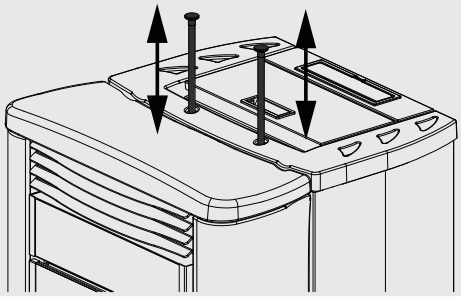
Some images could be offset from the original model.

DAILY

Burn pot: remove the burn pot from the relevant compartment and free the holes using the appropriate fire irons supplied, remove the ash from the burn pot using a suction device. Suck the ash deposited in the brazier compartment.

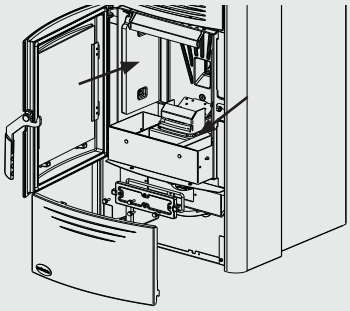


Scrapers:
Cleaning of the heat exchangers allows to guarantee constant heat output through time. This type of maintenance must be performed at least once a day. To do this, just use the relevant scrapers positioned in the upper part of the stove, moving them up and down several times.



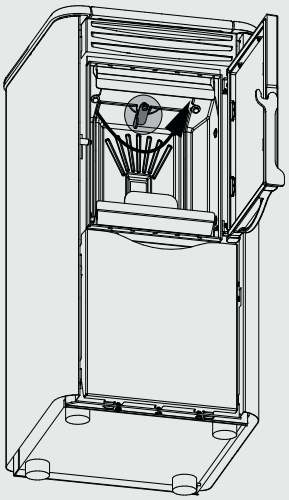
WEEKLY

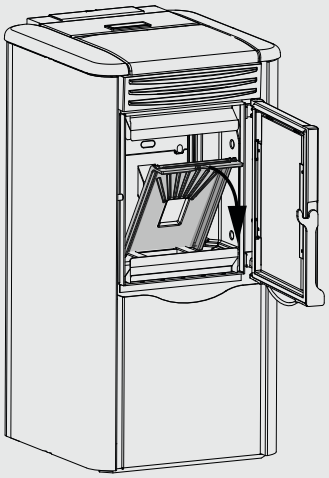
Cleaning the ash drawer:
Empty the ash drawer every week or when required. It is therefore recommended to remove the ash in the combustion chamber at least once a week using a suitable suction device.

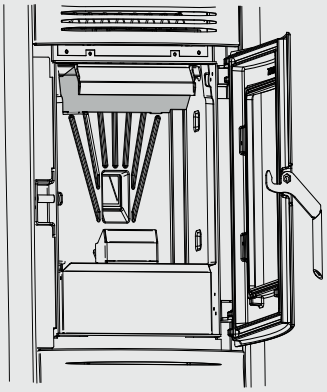


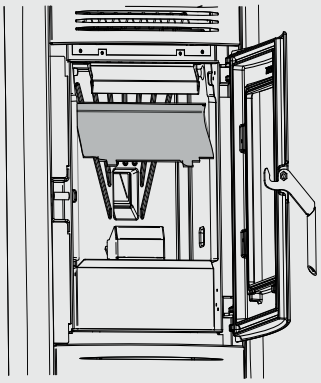
MONTHLY

Cleaning the heat exchanger:the heat exchangers chamber must be cleaned every month as the soot deposited on the rear of the cast iron hearth wall blocks the regular flow of fumes. When cleaning has been completed, re-position the extractable cast iron with the opposite movement used to remove it. Turn the lockbolt to return it to its original position.









Make sure that the ash is completely cold before emptying it into a suitable container. * The "Chimney sweep" bin is an accessory available from the company.

ROUTINE MAINTENANCE

In order to guarantee proper functioning and safety of the device, the operations indicated below must be performed every season or more often when necessary.

DOOR, ASH DRAWER AND BURN POT GASKETS

The gaskets guarantee the tightness of the stove and its consequent good functioning.
These must be checked regularly: if they should be worn or damaged they must be replaced immediately.
These operations must be carried out by a qualified technician.

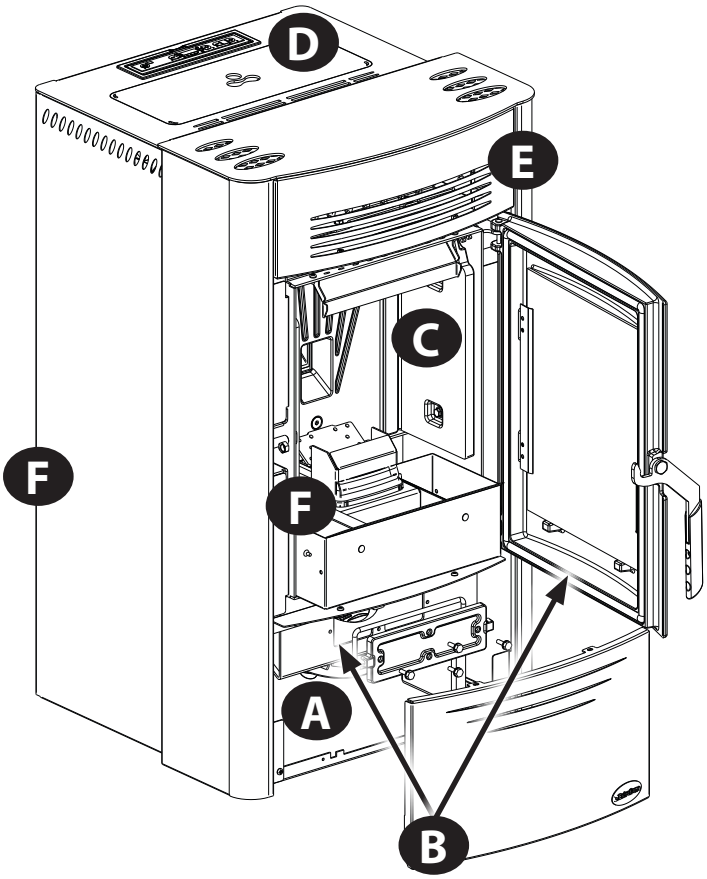
CONNECTION TO THE FLUE

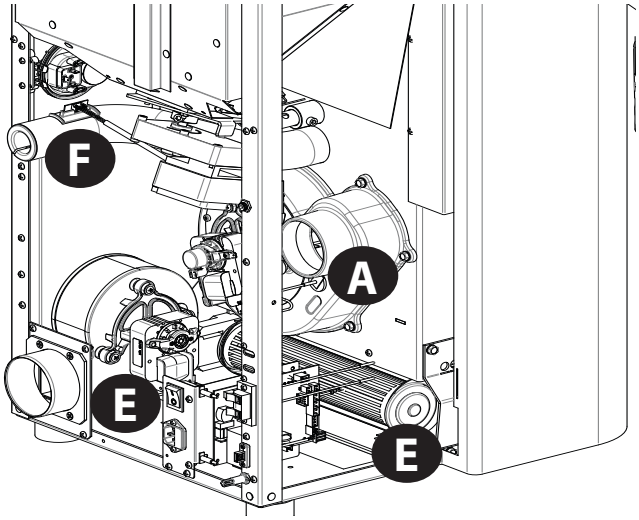
Suck and clean the pipe that leads to the flue yearly or anytime that it is necessary. If there are horizontal tracts the residues must be removed before they can obstruct flue passage.

NON-CLEANING JEOPARDISES SAFETY.

IF THE POWER SUPPLY CABLE IS DAMAGED, IT MUST BE REPLACED BY THE AFTER-SALES SERVICE OR BY A SIMILARLY QUALIFIED PERSON, SO AS TO AVOID ALL RISKS.

FOR CORRECT FUNCTIONING, THE STOVE MUST UNDERGO ROUTINE MAINTENANCE BY A QUALIFIED TECHNICIAN, AT LEAST ONCE A YEAR.





A	Fumes motor (disassembly and cleaning and fumes pipe), new silicone in envisioned points	☑
B	Inspections of gaskets, ash drawer and door (replace them and apply silicone where envisioned)	☑
C	Combustion chamber (total cleaning of the entire chamber) and cleaning the ignition plug tube.	☑
D	Feed box (complete emptying and cleaning).	☑
E	Room air fan disassembly and removal of dust and debris of any pellets	☑
F	Check air intake pipe and cleaning of the flow sensor	☑

DISPLAYS		
DISPLAY	**REASON**	**SOLUTION**
OFF	Stove off	-
START	The start phase is in progress	-
PELLET FEEDING	The feeding of the pellet during the ignition phase is in progress	
IGNITION	The ignition phase is in progress	-
START-UP	The start phase is in progress	-
WORK	The normal work phase is in progress	-
MODULATION	The stove is modulating	-
BURN POT CLEANING	The automatic burn pot cleaning is in progress.	The automatic burn pot cleaning (not in 1st power) is performed at pre-established intervals of continued working.
FINAL CLEANING	When the stove is switched-off, final cleaning is in progress. The final cleaning phase lasts about 10 minutes.	
STAND BY	Stove off due to temperature reached and in stand-by for re-ignition.	To deactivate the STAND-BY function see the specific chapter.
STAND BY EXT	Stove off due to an external thermostat, waiting for re-ignition	To deactivate the STAND-BY function see the specific chapter.
COOLING STAND-BY	A new ignition is attempted when the stove has just been switched-off	When the stove switches off, it is necessary to wait until complete fumes motor switch off and then clean the burn pot. The stove can only be re-ignited when these operations have been performed.
COOLING STDBY-BLACK OUT	The stove is cooling due to black out	On completion of the cooling phase, it will re-ignite automatically.
LOW	Room thermostat set at minimum value.	In this way the stove only works at 1st power independently from the power set. To escape this function just raise the room temperature using button 4 and then key 2.
HOT	Set room thermostat set at maximum value.	The stove works at set start, without ever modulating. To escape this function just lower the set temperature using key 4 and then key 1.

ALARMS		
DISPLAY	**EXPLANATION**	**SOLUTION**
	Indicates the presence of an alarm.	On: indicates the presence of an alarm Off: indicates the absence of alarms Flashing: indicates the deactivation of the depression sensor. The alarm can be reset by pressing key 3 for 3 seconds only if the fumes motor has stopped and if 15 minutes have passed from displaying the same alarm.
FUMES FAILURE	Fault correlated to the flue gas exhaust motor.	The restoration operations must be carried out by an authorised technician.
FUMES PROBE	Fault correlated to the fumes probe.	The restoration operations must be carried out by an authorised technician.
ALARM FUMES OVERTEMPER-ATURE	The flue gas temperature has exceeded 310°C	Check pellet flow (see "Pellet feed adjustment"). Check that the machine is clean, including the flue route. Do not rest cloths on the machine. Other restoration operations must be carried out by an authorised technician.
CLEAN CHECK-UP	The combustion chamber or burn pot bottom are dirty. The door is not closed correctly. The ash drawer is not closed correctly. The depression sensor is faulty. The flue exhaust pipe is blocked. Incorrect installation	Make sure the holes at the burn pot bottom are completely free. Check cleanliness of the fumes pipe and the combustion chamber. Check hermetic door closure. Check hermetic closure of the ash drawer. Other restoration operations must be carried out by an authorised technician.
DEPR ALARM	The mechanical depression sensor has tripped	Contact after-sales centre
NO IGNITION	The pellet feed-box is empty. Pellet feed calibration inadequate. Incorrect installation	Check for the presence of pellets in the feed-box. Adjust pellet flow (see "Pellet feed adjustment"). Check the procedures described in the "Ignition" chapter. Other restoration operations must be carried out by an authorised technician.
BLACK-OUT NO IGN.	No current during the ignition phase.	Take the stove to OFF conditions using key 1 and repeat the procedure described in the "Ignition" chapter. Other restoration operations must be carried out by an authorised technician.
NO PELLETS	In the work phase, the t° of the flue gases has dropped below factory parameters	Check for the presence of pellets in the feed-box. Regulate the pellet flow. Other restoration operations must be carried out by an authorised technician.
COOLING STAND-BY	Attempt to release the alarm with stove still in cooling mode.	Every time the stove displays one of the alarms listed above it will switch-off automatically. The stove will block any release attempt during this phase, showing the alarm itself and ATTE alternately on the display. The alarm can be reset by pressing key 1 for 3 seconds only if the fumes motor has stopped and if 15 minutes have passed from displaying the same alarm.
DEPR SENSOR DAMAGE	Component disconnected or faulty	Contact after-sales assistance
AUGER CONTROL ALARM	Anomalous functioning of pellet feeding	Contact after-sales assistance

WARRANTY CONDITIONS

EXTRAFLAME S.p.A., with offices in via dell'Artigianato 12 Montecchio Precalcino (VI), guarantees this product for 2 (two) YEARS from purchase date for manufacturer and material faults. The warranty becomes void in case the defect of conformity is not filed with the dealer within two months from date of its finding.

The responsibility of EXTRAFLAME S.p.A. is limited to the supply of the appliance, which must be perfectly installed, following the indications contained in the appropriate manuals and books provided with the purchased product and in compliance with the laws in force. **Installation must be performed by qualified staff, under the responsibility of the person entrusting him, who will assume complete responsibility for the definitive installation and consequent good functioning of the product installed. EXTRAFLAME S.p.A. cannot be held responsible for the failure to comply with such precautions.**

WARNING
It is essential to carry out the functioning inspection of the product before its completion with the relative masonry finishings (counterhood, external coating, pilasters, wall painting, etc). EXTRAFLAME S.p.A. does not assume any responsibility for any damages and consequent restore expenses of the above finishings even if the same occur following the replacement of malfunctioning particulars.

THE WARRANTY IS VALIDATED ON THE CONDITION THAT:
The installation and relative connections of the plant have been carried out by professionally authorised staff in total compliance with the Standard in force (M.D. n.37 dated 22 January 2008), in compliance with the Standards in force, both national and regional, as well as these instructions.
Testing has been carried out by a qualified technician, who assumes the entire responsibility to have verified that the plant has been realised in compliance with the Standard in force, by professionally qualified staff, in compliance with the Standards in force and to have checked the good functioning of the installed product. Once this has been verified, the After-Sales Centre will supply all the information for its correct use, filling in and delivering a copy of the document which certifies the warranty, undersigned by the client.
EXTRAFLAME S.p.A. assures that all its products are manufactured with top quality materials and with manufacturing techniques which guarantee total efficiency. If during normal use of the product, defective or badly working particulars should be detected, the replacement of such particulars will be free of charge, ex dealer who made the sale.

TERRITORIAL EXTENSION OF THE WARRANTY:
Italian territory

VALIDITY
THE WARRANTY IS CONSIDERED VALID ON THE CONDITION THAT:
1. The purchaser forwards the**inspection report and warranty validation (copy 2)** filled-in completely, within 8 days from the date of validation of the warranty. The purchase date must be validated by the possession of a valid fiscal document issued by the dealer.
2. The appliance is used as prescribed in the instructions manual provided with all products.
3. The boiler is installed, in compliance with the Standards in force with regard to the prescriptions contained in the installation, use and maintenance manual relating to the product, by qualified staff in possession of the legal requisites (M.D. n.37 dated 22 January 2008);
4. The client is in possession of the documentation which certifies its eligibility, filled-in in all its parts:
   A. INSTALLATION REPORT: filled-in by the installer
   B. INSPECTION REPORT AND VALIDATION OF THE WARRANTY:

Filled out by the client, dealer and a qualified technical assistance centre.
5. The warranty document, filled-in and accompanied by the purchase fiscal document issued by the dealer, must be kept and shown to the authorised technician in the event of intervention.

THE WARRANTY IS NOT CONSIDERED VALID IN THE FOLLOWING CASES
1. The warranty conditions described above have not been respected.
2. Installation has not been performed with respect to the Standards in force regarding the provisions described in the manual/book provided with the appliance.
3. Negligence of the customer due to lack of or incorrect maintenance of the product.
4. Presence of electric and/or hydraulic plants that do not comply with the standards in force.
5. Damages deriving from atmospheric, chemical, electro-chemical agents, improper use of the product, modifications and tampering with the product, inefficacy and/or unsuitability of the flue and/or other causes not deriving from the manufacture of the product.

6. Combustion of materials not compliant with the types and quantities indicated in the manual/book supplied
7. All damages caused by transport. It is therefore recommended to carefully check the goods on receipt, immediately informing the dealer of any damage, making a note on the transport document and on the carrier's copy.

EXTRAFLAME S.p.A. is not liable for any damage that can, directly or indirectly, affect persons, objects and pets as a consequence of failure to comply with the prescriptions indicated in this manual/book.

ALL PARTICULARS SUBJECT TO NORMAL WEAR ARE NOT COVERED BY WARRANTY:

This category includes:

- The gaskets, all ceramic or toughened glass, coverings and cast iron or Ironker grids, the painted, chrome or gold-plated details, the majolica, the handles and the electric cables.
- Colour variations, crackles and slight size differences f the majolica parts are not a reason for claims, as they are natural features of the materials themselves.
- Parts in refractory material
- Masonry work
- The system particulars for the production of domestic hot water not supplied by EXTRAFLAME S.p.A. (water products only).
- The heat exchanger is excluded from the warranty unless an adequate anti-condensate circuit is realised, which guarantees a minimum return temperature of the appliance of at least 55°C (only water products).

FURTHER CLAUSES:

The warranty also excludes any calibration or regulation interventions of the product in relation to the type of fuel or the type of installation.
The warranty is not extended if particulars are replaced.
No compensation will be paid for the time the product is inefficient.
This warranty is valid only for the purchaser and cannot be transferred.

RECOMMENDED INSPECTION (WITH PAYMENT):

EXTRAFLAME S.p.A. recommends that the functional inspection
of the product is performed by a qualified Technical After-Sales Centre, which will supply all information for correct use.

WARRANTY INTERVENTIONS

The request for intervention must be sent to the dealer or after sales assistance Centre.
The warranty intervention envisions the repair of the appliance without any charge, as provided by the law in force.

LIABILITY

EXTRAFLAME S.p.A. does not grant any compensation for direct or indirect damage caused or depending on the product.

LAW COURT

The Vicenza Law Court is elected as the competent court for any disputes.

Extraflame®

Riscaldamento a Pellet

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Extraflame reserves the right to vary the features and data shown in this booklet at any time and without prior notice, in order to improve its products.
This manual cannot be considered as a contract for third parties.

This document is available at *www.extraflame.it/support*